

=> file caplus biosis

=> s (hawkes, r?)/au

L1 426 (HAWKES, R?)/AU

=> s (male(5a)steril?)/ab,bi

L2 17151 (MALE(5A) STERIL?)/AB,BI

=> s l1 and l2

L3 0 L1 AND L2

=> s (hawkes, t?)/au

L4 132 (HAWKES, T?)/AU

=> s l4 and l2

L5 3 L4 AND L2

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 3 DUP REM L5 (0 DUPLICATES REMOVED)

=> d l6 1-3 ti py

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

TI A method of selectively producing \*\*\*male\*\*\* or female \*\*\*sterile\*\*\*  
plants with herbicide resistance

PY 2005

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

TI A method of selectively producing \*\*\*male\*\*\* or female \*\*\*sterile\*\*\*  
plants with modified D-amino acid oxidase

PY 2005

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

TI Selective induction of \*\*\*male\*\*\* or female \*\*\*sterile\*\*\* plants  
using enzymes activating non-phytotoxic precursors of herbicides

PY 2003

=> d l6 3

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2003:697074 CAPLUS <<LOGINID::20090517>>

DN 139:227448

TI Selective induction of \*\*\*male\*\*\* or female \*\*\*sterile\*\*\* plants  
using enzymes activating non-phytotoxic precursors of herbicides

IN \*\*\*Hawkes, Timothy Robert\*\*\* ; Mitchell, Glynn; Hadfield, Stephen  
 Thomas; Thompson, Paul Anthony; Viner, Russell; Zhang, Yan  
 PA Syngenta Limited, UK  
 SO PCT Int. Appl., 75 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003072792	A2	20030904	WO 2003-GB683	20030214
WO 2003072792	A3	20040318		
CA 2475485	A1	20030904	CA 2003-2475485	20030214
AU 2003207323	A1	20030909	AU 2003-207323	20030214
AU 2003207323	B2	20070913		
EP 1481068	A2	20041201	EP 2003-704795	20030214
BR 2003007965	A	20050201	BR 2003-7965	20030214
JP 2005518214	T	20050623	JP 2003-571473	20030214
CN 1639344	A	20050713	CN 2003-804625	20030214
RU 2320722	C2	20080327	RU 2004-129286	20030214
MX 2004007931	A	20041126	MX 2004-7931	20040816
US 20050150013	A1	20050707	US 2005-504784	20050225
US 20080250535	A1	20081009	US 2008-111364	20080429
PRAI GB 2002-4484	A	20020226		
GB 2002-23359	A	20021008		
WO 2003-GB683	W	20030214		
US 2005-504784	A3	20050225		

=> s ((phosphinothricin(w)acetyltransferase?) or  
 (phosphinothricin(w)acetyl(w)transferase?) or ppt)/ab,bi  
 L7 213213 ((PHOSPHINOTHRICIN(W) ACETYLTRANSFERASE?) OR  
 (PHOSPHINOTHRICIN(W)  
 ) ACETYL(W) TRANSFERASE?) OR PPT)/AB,BI

=> s (deacetylase? or deaminase? or hydrolase?)/ab,bi  
 L8 109064 (DEACETYLASE? OR DEAMINASE? OR HYDROLASE?)/AB,BI

=> s 17(l)l8  
 L9 148 L7(L) L8

=> s 19(l)l2  
 L10 1 L9(L) L2

=> s 10 not l6  
 L11 4106 L0 NOT L6

=> s l10 not l6

L12 1 L10 NOT L6

=> d l12 ti py

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

TI Production of N-acetyl-phosphinothricin: a substance used for inducing male sterility in transgenic plants

PY 2005

=> d l12

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2005:163945 CAPLUS <<LOGINID::20090517>>

DN 143:95898

TI Production of N-acetyl-phosphinothricin: a substance used for inducing male sterility in transgenic plants

AU Risse, Joe Max; Puehler, Alfred; Flaschel, Erwin

CS Technische Fakultaet, Universitaet Bielefeld, Bielefeld, D-33501, Germany

SO Engineering in Life Sciences (2005), 5(1), 38-45

CODEN: ELSNAE; ISSN: 1618-0240

PB Wiley-VCH Verlag GmbH & Co. KGaA

DT Journal

LA English

=> s (plastocyanin?(5a)promoter?)/ab,bi

L13 66 (PLASTOCYANIN?(5A) PROMOTER?)/AB,BI

=> s l13(l)l7

L14 1 L13(L) L7

=> s l14 not l12

L15 1 L14 NOT L12

=> s l15 not l6

L16 1 L15 NOT L6

=> d l16

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1999:646718 CAPLUS <<LOGINID::20090517>>

DN 132:161813

TI Increased stable inheritance of herbicide resistance in transgenic lettuce carrying a petE promoter-bar gene compared with a CaMV 35S-bar gene

AU McCabe, M. S.; Schepers, F.; Van Der Arend, A.; Mohapatra, U.; De Laat, A.

M. M.; Power, J. B.; Davey, M. R.  
CS Plant Science Division, School of Biological Sciences, University of  
Nottingham, University Park, Nottingham, NG7 2RD, UK  
SO Theoretical and Applied Genetics (1999), 99(3-4), 587-592  
CODEN: THAGA6; ISSN: 0040-5752

=> d 116 ab

=> log y

STN INTERNATIONAL LOGOFF AT 20:57:20 ON 17 MAY 2009